

U.S. Army Career Program

Career Program 18 (CP-18) Engineers and Scientists

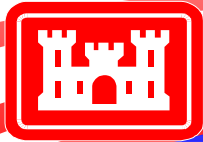
The Department of the Army Minority College Relations Program

OLIVIA C. HENRY

for

**William A. Brown SR, PE, HAIA
Deputy Director of Military Programs
Functional Chief's Representative**

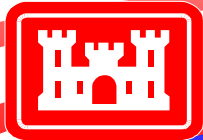
**Rock Island Arsenal,
IL**



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Outline

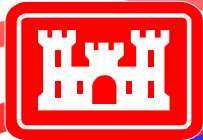
- **Statistics**
- **Career Fields**
- **Program Development**
- **Ongoing Improvement Efforts**



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Statistics

- **Largest Army Career Program, 15,300 individuals**
- **85% located in USACE**
- **Careerist located throughout the Army, Installations, Districts, Divisions, DPW, Labs, etc.**
- **47 Career Fields**

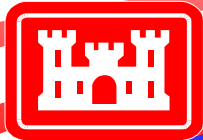


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Career Fields (47)

- **0020 - Community Planning**
- **0023 - Outdoor Rec. Planning**
- **0025 - Park Management**
- **0101 - Social Science**
- **0110 - Economics**



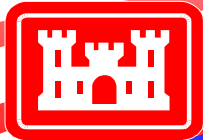


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Career Fields - Continued

- **0414 - Entomology**
- **0430 - Botany**
- **0460 - Forestry**
- **0470 - Soil Science**
- **0471 - Agronomy**



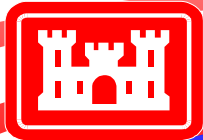


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Career Fields - Continued

- **0480 - Fish & Wildlife Admin**
- **0482 - Fishery Biology**
- **0486 - Wildlife Biology**
- **0801 - General Engineering**
- **0804 - Fire Prevention Engineering**



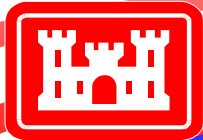


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Career Fields - Continued

- **0806 - Materials Engineering**
- **0807 - Landscape Architecture**
- **0808 - Architecture**
- **0810 - Civil Engineering**
- **0819 - Environmental Engineering**

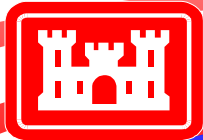




Career Fields - Continued

- **0830 - Mechanical Engineering**
- **0840 - Nuclear Engineering**
- **0850 - Electrical Engineering**
- **0855 - Electronics Engineering**
- **0871 - Naval Architecture**



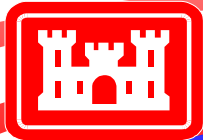


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Career Fields - Continued

- **0880 - Mining Engineering**
- **0881 - Petroleum Engineering**
- **0893 - Chemical Engineering**
- **0896 - Industrial Engineering**
- **1301 - General Physical Science**



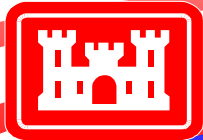


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Career Fields - Continued

- **1310 - Physics**
- **1313 - Geophysics**
- **1315 - Hydrology**
- **1320 - Chemistry**
- **1330 - Astronomy & Space Science**



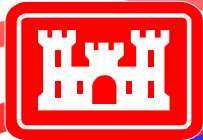


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Career Fields - Continued

- **1350 - Geology**
- **1360 - Oceanography**
- **1370 - Cartography**
- **1372 - Geodesy**
- **1373 - Land Surveying**



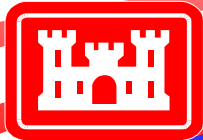


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Career Fields - Continued

- **1520 - Mathematics**
- **1529 - Mathematical Statistician**



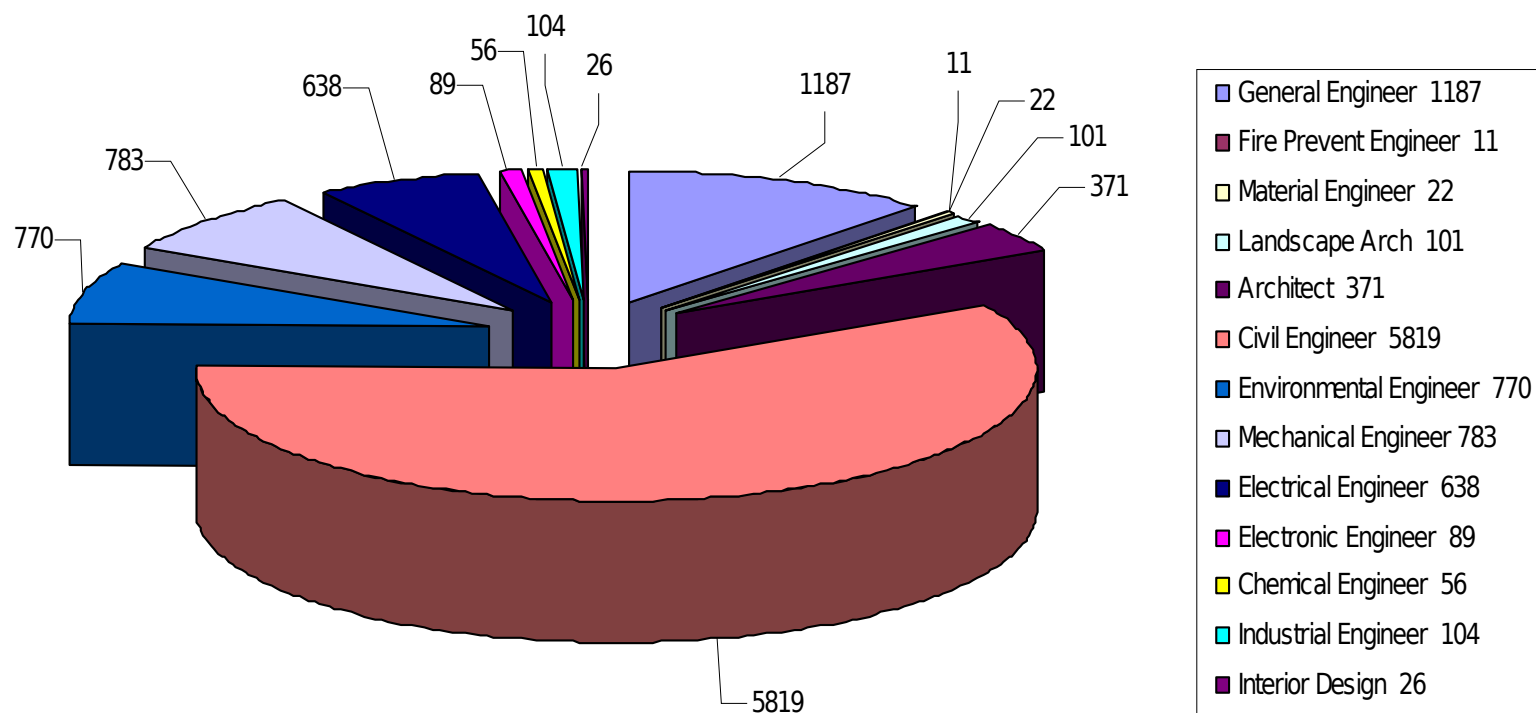


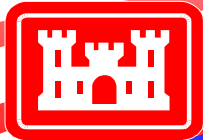
DEMOGRAPHICS

CP 18 DA



Engineers' Distribution Chart





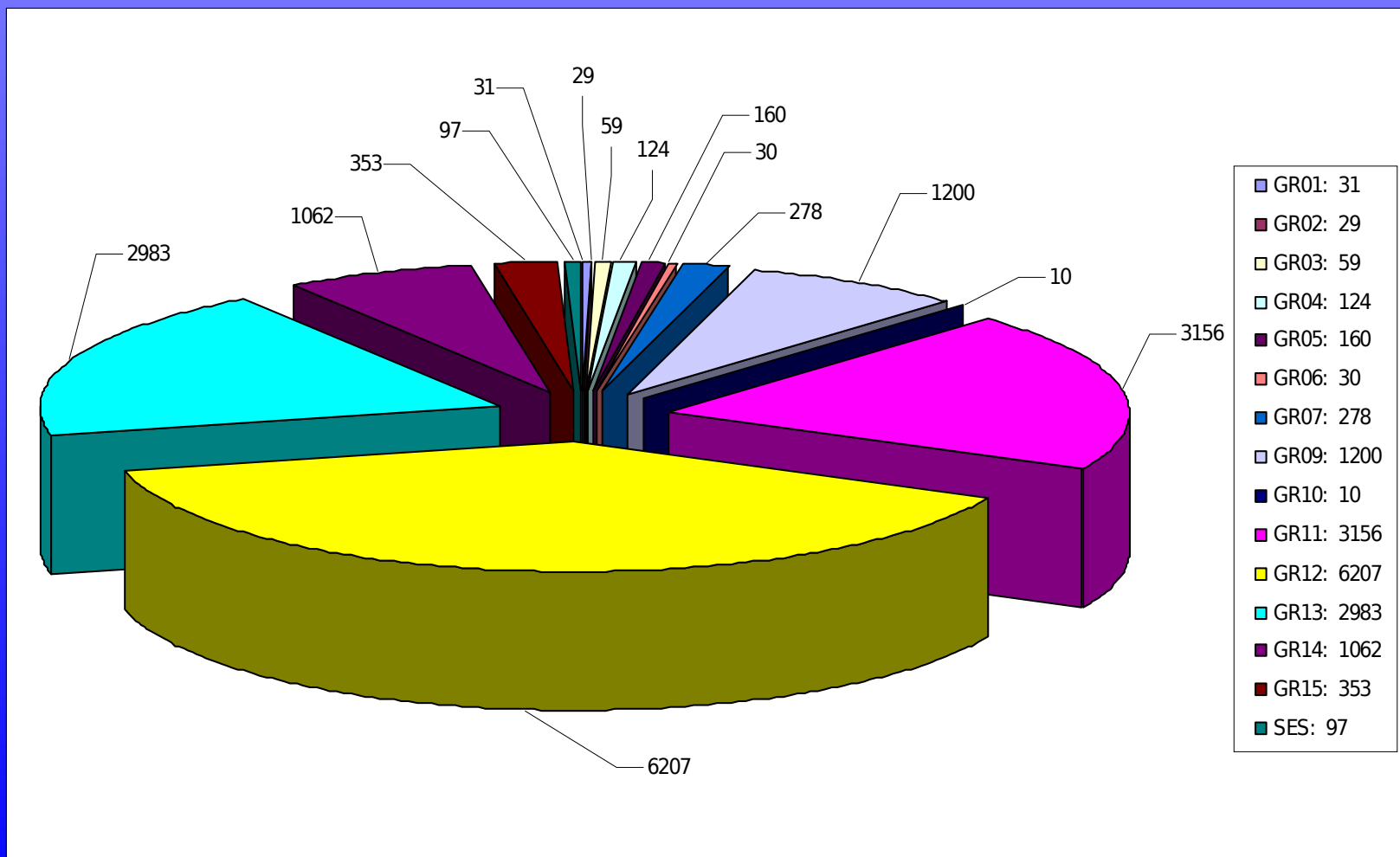
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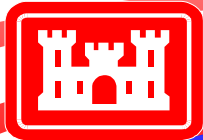
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Grade Distribution Chart





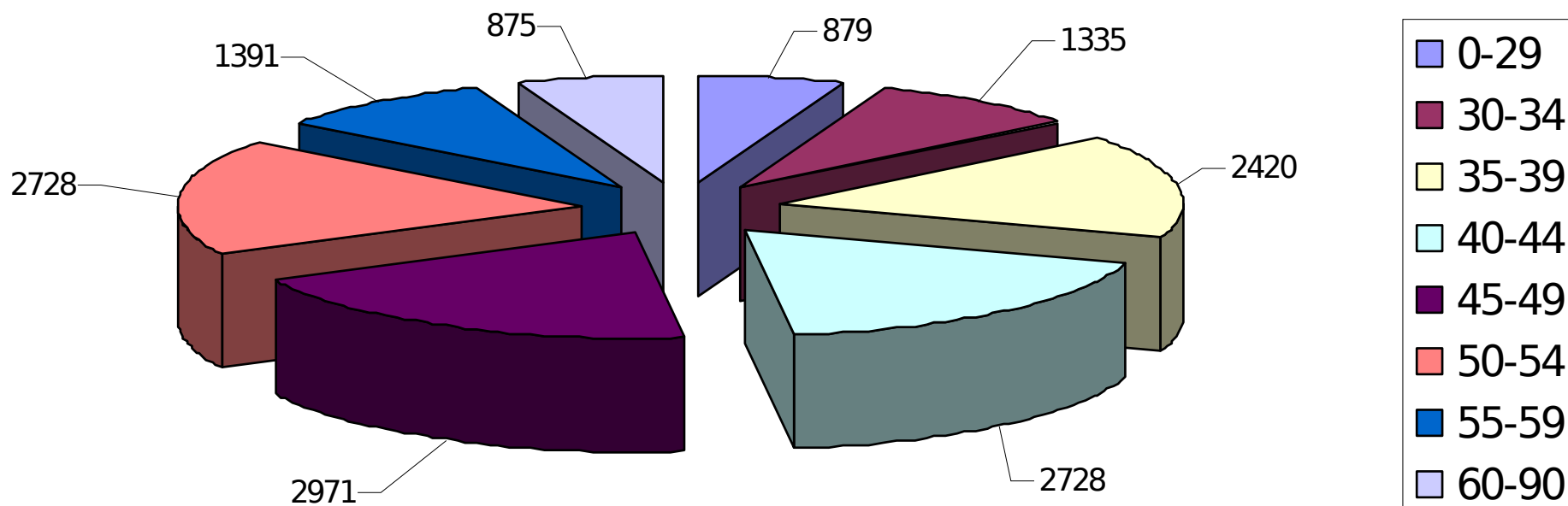
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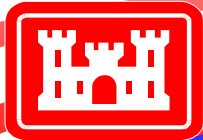
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Total Age Group Allocation

Average Age: 45





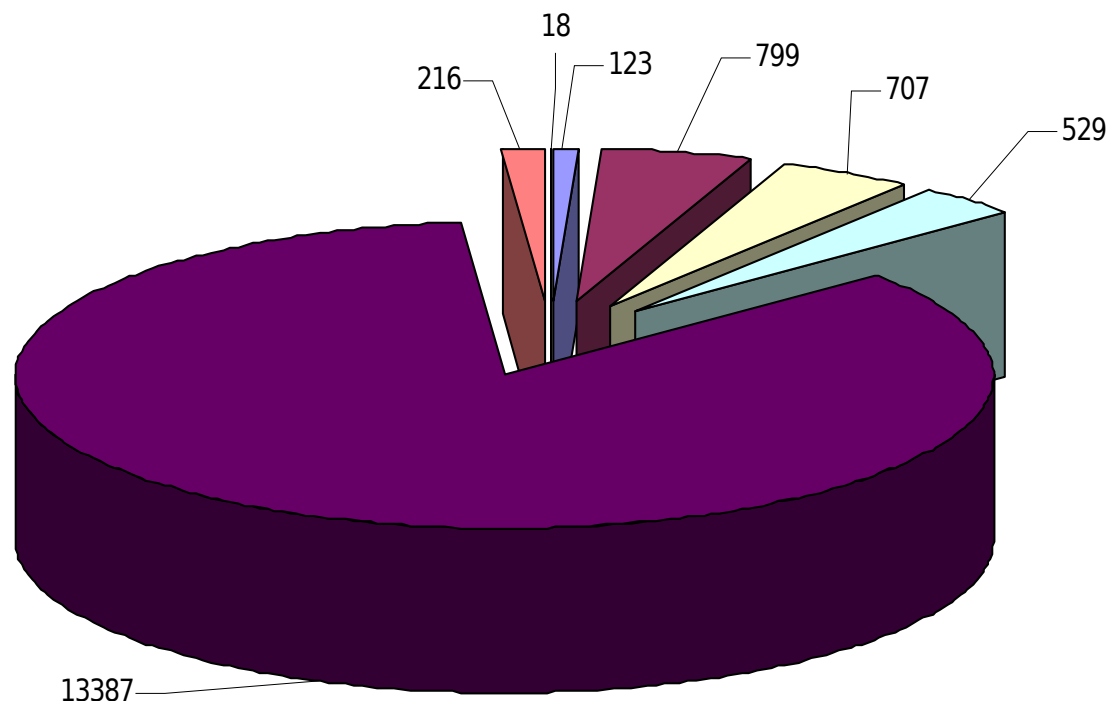
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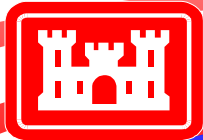


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RNO Distribution Chart



- | | |
|-----------------------------------|-----------------------------|
| American Indian or Alaskan Native | Asian or Pacific Islander |
| Black, Not of Hispanic Origin | Hispanic |
| White, not of Hispanic Origin | Other: (minority in Hawaii) |
| Other (Not Applicable) | |



Program Development

- **Based on needs of the Army**
- **Civil Programs funded by USACE, all others funded by Army**
- **USACE supplementing funding for recruitment, workshop, track development, etc.**
- **Army - non civil LDP & Long Term Training**

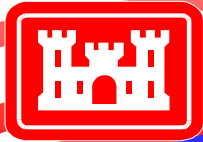




Program Development⁸ ***(Con't)***

- **Requirements reviewed & evaluated by Career Program Policy Committee**
- **Funds allocated based on need, prior year performance and availability**
- **Funds distributed quarterly**
- **Obligations tracked quarterly and adjusted**



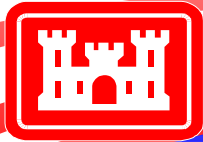


Program Development Emphases



- **Leadership Development Program**
- **Partnerships with Advancing Minorities Interest in Engineering and The Latino/Native American Engineering Consortium**
- **Summer Intern Program**
- **New Co-op Program**



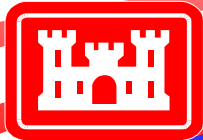


Program Development Emphases (Con't)



- **Graduate Studies**
- **Short term course funding**
- **One stop shopping - Rock Island for intern recruitment**
- **Electronic vacancy notification**

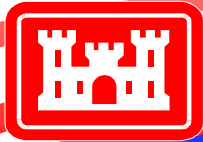




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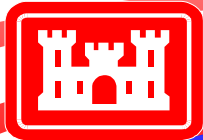
Key Facts -WORKFORCE DATA Now to 2006

- **Age Groups 45 to 54 and 55 to 64 will Increase by 30%**
- **The Age Group 35 to 44 will Remain 25% of the Labor Force**
- **Population will be More Racially Diverse**
- **Black & Latino Labor Force Both Equal (19 million)**
- **Asian and “Other” Segments - Slight Increase**



Where are the Opportunities Now thru 2006

- **Service Industries, i.e., Healthcare, Social Services, and Engineering**
- **Information Technology, Database Administrator and Systems Analyst**
- **High Tech Jobs Pay 78% More Than Other Jobs - \$53K versus \$30K**

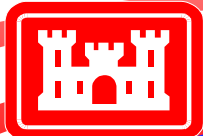


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Website

<http://www.usajobs.opm.gov>
(-click on current job openings)
(-select Entry Level Professional)

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